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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/174,461	10/19/1998	KATSUMI IJIMA	35.C13021	5700

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FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

EXAMINER

LEE, RICHARD J

ART UNIT PAPER NUMBER

2613

DATE MAILED: 09/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/174,461

Applicant(s)

IIJIMA ET AL.

Examiner

Richard Lee

Art Unit

2613

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 and 25-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7, 25-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2613

1. The request filed on July 25, 2005 for a Request for Continued Examination (RCE) is acceptable and a RCE has been established. An action on the RCE follows.
2. Applicants' arguments from the amendment filed June 30, 2005 have been noted, considered, and addressed in the following new grounds of rejections.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-7 and 25-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Moreton et al of record (5,835,133).

Moreton et al discloses an optical system for single camera stereo video as shown in Figures 2A, 3-5, 8A-8C, and the same camera and method for image pickup by a camera as claimed in claims 1-7 and 25-31, comprising the same plurality of image pickup means (90 of Figure 2A, the optical paths of receiving left/right images) for picking up a plurality of images of an object, respectively; display means (330 of Figures 8A-8C) for displaying images picked up by the plurality of image pickup means; recording means (see column 3, line 14, column 6, lines 59-62, column 11, lines 31-49, column 12, lines 21-57) for recording the images picked up by the plurality of image pickup means on a recording medium; memory means (720 of Figure 8C, see column 12, lines 58-67) arranged both as a buffer of the display means and as a buffer of the recording means (i.e., memory means 720 of Figure 8C acts as a buffer of the recording means derived from 705 for generating stereo recorded video (see column 3, line 14, column 6, lines

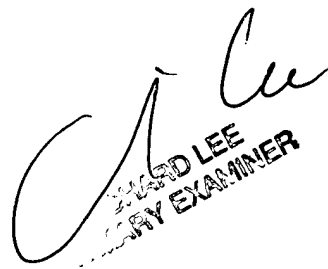
Art Unit: 2613

59-62, column 11, lines 31-49, column 12, lines 21-57), thereby generating a recording signal from the images picked up by the plurality of image pickup means) so that the display means displays an image previously read out from the memory means (i.e., a sequence of images are provided to memories 300, 310 and 720 from video supplies 100, 200, 705 so that the images (previously read out images from the memory) in memory n is the displayed while new images are stored in memory m, see column 11, lines 32-49, column 12, lines 58-67) when the recording means records the images on the recording medium (i.e., the images as provided by 100, 200 of Figures 8A and 8B, respectively, and the images as provided by 705 of Figure 8C are recorded video from a recording medium, see column 6, lines 59-62, column 12, lines 40-44); wherein when a plurality of the memory means are used for displaying an image picked up by the plurality of image pickup means, some of the plurality of memory means are used for a write operation and the others of the plurality of memory means are used for a read operation by switching between the write and read operations, whereby the plurality of memory means are used as a double buffer, and wherein when a plurality of the memory means are used for recording an image picked up by the plurality of image pickup means, all of the plurality of memory means are used for write operation in order to record each image picked up by the plurality of image pickup means, and after the write operation is completed, all of the plurality of memory means are used for read operation (i.e., as provided by 720 of Figure 8C, see column 12, lines 58-67); wherein the image is written in the double buffer in normal form and the image is read out from the double buffer in inverted form, wherein the image is written in the double buffer in inverted form and the image is read out from the double buffer in normal form, wherein the image is recorded in normal form when all of the plurality of memory means are used for

Art Unit: 2613

write operation, and the image is read out in inverted form from all of the plurality of memory means after the recording is completed, wherein the image is recorded in inverted form when all of the plurality of memory means are used for write operation, and the image is read out in normal form from all of the plurality of memory means after the recording is completed (i.e., in Moreton et al, inverted read/write operation is dependent upon whether reflector pairs 30a, 30b of Figures 3-5 are used. Without the reflector pairs, images are read in inverted form (inherent). With the reflector pairs, images are read in normal fashion since the images are inverted by the reflector pairs. Writing in inverted or normal fashion is directly dependent on whether images are read in inverted or normal fashion.).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Lee whose telephone number is (571) 272-7333. The Examiner can normally be reached on Monday to Friday from 8:00 a.m. to 5:30 p.m, with alternate Fridays off.



RICHARD LEE
PRIMARY EXAMINER

Richard Lee/rl

9/2/05

